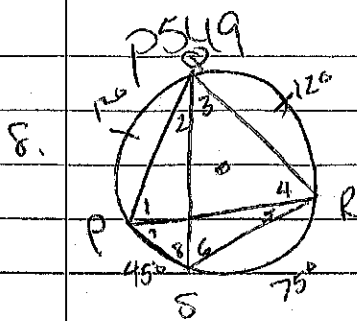


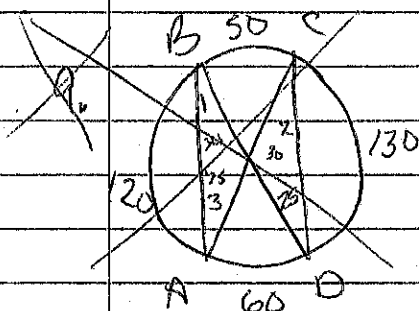
20210.4 HW Key



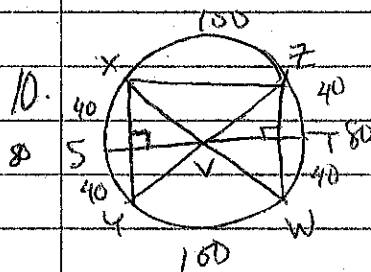
$$\begin{aligned} m\angle 1 &= 60 \\ m\angle 2 &= 22.5 \\ \angle 3 &= 37.5 \\ \angle 4 &= 60 \\ \angle 5 &= 22.5 \\ \angle 6 &= 60 \\ \angle 7 &= 37.5 \\ \angle 8 &= 60 \end{aligned}$$

$$\begin{array}{r} 45 \\ 75 \\ \hline 120 \\ -360 \\ \hline 240 \\ 120 \end{array}$$

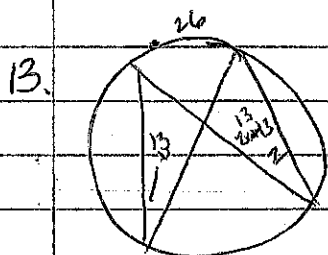
8, 10, 13-17



$$\begin{array}{r} 256 \\ 50 \\ \hline 300 \end{array}$$



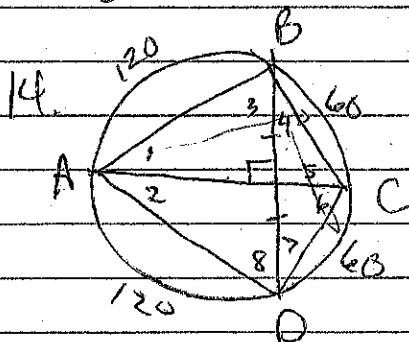
$$\begin{array}{r} 360 \\ 1200 \\ 160 \end{array} \quad \begin{array}{l} 1 \quad 50 \quad 7 \quad 100 \\ 2 \quad 50 \quad 8 \quad 90 \\ 3 \quad 40 \quad 9 \quad 90 \\ 4 \quad 50 \quad 10 \quad 40 \\ 5 \quad 40 \quad 11 \quad 40 \\ 6 \quad 50 \end{array}$$



$$2x - 13 = x$$

$$-13 = -x$$

$$13 = x$$



$$m\angle 1 = 30$$

$$m\angle 2 = 30$$

$$m\angle 3 = 60$$

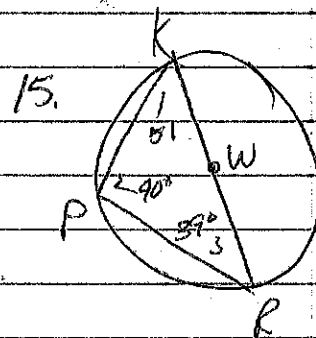
$$m\angle 4 = 30$$

$$m\angle 5 = 60$$

$$m\angle 6 = 60$$

$$m\angle 7 = 30$$

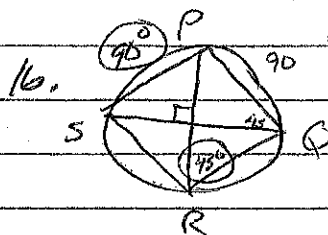
$$m\angle 8 = 60$$



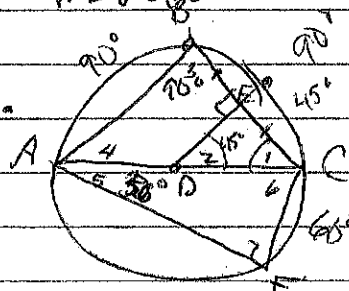
$$\frac{2}{3}x + 10 + x = 180$$

$$\frac{5}{3}x = 170 \quad \frac{3}{5}$$

$$x = 102$$



17.



$$m\angle 4 = 45$$

$$m\angle 5 = 30$$

$$m\angle 6 = 120$$